

L Number	Hits	Search Text	DB	Time stamp
1	325	(ccd adj sensor) with laser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/02 09:35
2	179	(ccd adj sensor) with laser	USPAT	2004/02/02 09:45
3	5755	triangulation	USPAT	2004/02/02 09:47
4	31180	position adj sensor	USPAT	2004/02/02 09:47
5	0	((ccd adj sensor) with laser) and triangulation and (position adj sensor)	USPAT	2004/02/02 09:45
6	7	((ccd adj sensor) with laser) and triangulation	USPAT	2004/02/02 09:46
7	15	((ccd adj sensor) with laser) and (position adj sensor)	USPAT	2004/02/02 09:46
8	9922	triangulation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/02 09:47
9	61197	position adj sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/02 09:47
10	1	((ccd adj sensor) with laser) and triangulation and (position adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/02 09:47

DERWENT-ACC-NO: 1975-C8136W

DERWENT-WEEK: 197511

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TITLE: Continuous measurement of tool wear
during machining -
by using an edge on the workpiece to
reflect a laser beam

PATENT-ASSIGNEE: U RADTKE[RADTI]

PRIORITY-DATA: 1974DD-0176690 (February 20, 1974)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
DD 110348 A		December 12, 1974	N/A
000	N/A		

INT-CL (IPC): G01N003/56

ABSTRACTED-PUB-NO: DD 110348A

BASIC-ABSTRACT:

The edge of the workpiece formed by the surface being cut and the previously machined surface is used as a light beam divider and the change in brightness due to displacement of this edge is taken as a measure of tool wear. The light beam is pref. a laser beam.

TITLE-TERMS: CONTINUOUS MEASURE TOOL WEAR MACHINING EDGE
WORKPIECE REFLECT
LASER BEAM

DERWENT-CLASS: S03